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BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

Application Number: 09/543,310
Filing Date: April 05, 2000
Appellant(s): DUTTA, RABINDRANATH

Brian F. Russell
For Appellant

EXAMINER'S ANSWER

This is in response to the appeal brief filed 11/29/2007 appealing from the Office action mailed 06/12/2007.

(1) Real Party in Interest

A statement identifying the real party in interest is contained in the brief.

(2) Related Appeals and Interferences

A statement identifying the related appeals and interferences, which will directly affect or be directly affected by or have a bearing on the decision in the pending appeal is contained in the brief.

(3) Status of Claims

The statement of the status of the claims contained in the brief is correct.

(4) Status of Amendments After Final

The appellant's statement of the status of the amendments after final rejection contained in the brief is correct.

(5) Summary of Invention

The summary of invention contained in the brief is correct.

(6) Issues

The appellant's statement of the issues in the brief is correct.

(7) Claims Appealed

The copy of the appealed claims contained in the Appendix to the brief is correct.

(8) Prior Art of Record

The following is a listing of the prior art of record relied upon in the rejection of claims under appeal.

6,430,624	**Jamtgaard et al**	**08-2002**
6,615,131	**Rennard**	**09-2003**
6,707,809	**Warrier et al**	**03-2004**
6,148,330	**Puri et al**	**11-2000**

(9) Grounds of Rejection

The following ground(s) of rejection are applicable to the appealed claims:

1. Claims 25-48 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 25-31,33-39,41-47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jamtgaard et al (U.S. 6,430,624), Rennard et al (U.S. 6,615,131) and further in view of Warrier et al (U.S. 6,707,809).

As per claims 25,33,41 Jamtgaard disclosed a method for delivering data over a network system, comprising the steps of: receiving, in a first data processing system, a request for a first data page from a first client system; in response to the request from the second data processing system, sending a reduced-content page, corresponding to the first data page, from the first data processing system to the second data processing system (col. 2, lines 40-59); wherein said reduced-content page contains less than the full content of the first data page (col. 4, lines 10-20);

However Jamtgaard failed to disclose wherein the second data processing system communicates with the data processing system over a first connection and the third data processing system communicates with the first data processing system over a second connection.

In the same field of endeavor Rennard disclosed wireless device communicates through a wireless carrier, gateway and the Internet with server. In one embodiment, one or more of these connections need not be sustained continuously. FIG 9 depicts a method for reducing the time when a connection between the wireless carrier and the server is sustained through the Internet. Among other reasons, this approach proves beneficial in reducing the connection time through

the Internet Such a method also proves beneficial when there exists a lag or latency in the Internet connection or where the Internet connection has a high associated cost measured in money, time or other cost factor (col. 17, lines 51-63). The method illustrated in Fig. 9 can be used to remove the connection from wireless device to wireless carrier (col. 18, lines 13-16).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have incorporated the sending the first data page to a second client system, wherein the first client system communicates with the data processing system over a more expensive connection than the second client system communicates with the data processing system. The method illustrated in Fig. 9 can be used to remove the connection from wireless device to wireless carrier as taught by Rennard in the method of Jamtgaard to reduce the cost of the wireless connection to Internet and reduce latency in terms of down link.
However Jamtgaard-Rennard failed to disclose and in response to the request from the second data processing system, sending the first data page from the first data processing system but separate and distinct from the second data processing system.

However Jamtgaard-Rennard failed to disclose, "selectively sending a selection mark is received, sending the first data page from the first data processing system to a third data processing system having a common user association with the second data processing system".

In the same field of endeavor Warrier disclosed, "When the home agent receives the data from the source (e.g., WAP oush server), it checks in its mobility binding record to see if the mobile node is currently registered and active. When it determines that the mobile is inactive, the home agent sends a received data indication message to the home agent control node. Upon receipt of a received data indication message, the home agent control node responsively refers to the mobility binding record for idle mobile nodes to identify the foreign agent with which Idle mobile node last initiated a connection. The home agent control node sends a paging request message to the identified foreign agent to cause it to page the mobile node. When the mobile node responds to the page, it reestablishes a connection with said foreign agent and after registration, may receive the data from the home agent using known mobile IP tunneling techniques" (col. 4, lines 28-43).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated When the home agent receives the data from the source (e.g., WAP oush server), it checks in its mobility binding record to see if the mobile node is currently registered and active. When it determines that the mobile is inactive, the home agent sends a received data indication message to the home agent control node. Upon receipt of a received data indication message, the home agent control node responsively refers to the mobility binding record for idle mobile nodes to identify the foreign agent with which Idle mobile node last initiated a connection. The home agent control node sends a paging request message to the identified foreign agent to cause it to page the mobile node. When the mobile node responds to the page, it reestablishes a connection with said foreign agent and after registration, may receive

the data from the home agent using known mobile IP tunneling techniques as taught by Warrier in the method and system of Jamtgaard-Rennard to reduce the cost of the wireless connection to Internet and reduce latency in terms of down link.

3. As per claims 26-27,34-35,42-43 Jamtgaard-Rennard-Warrier disclosed after the receiving step, the step of creating a reduced-content page corresponding to the first data page (Jamtgaard, col. 8, lines 12-24).

4. As per claims 28,36,44 J Jamtgaard-Rennard-Warrier disclosed wherein the first connection is a wireless connection and the second connection is a non-wireless connection (Jamtgaard, col. 4, lines 58-67).

5. As per claims 29,37,45 Jamtgaard-Rennard-Warrier disclosed wherein the first data page comprises a markup language file (Jamtgaard, col. 6, lines 59-63).

6. As per claims 30,38,46 J Jamtgaard-Rennard-Warrier disclosed wherein the reduced-content page comprises a markup language file containing less than the full content of the first data page markup language file (Jamtgaard, col. 4, lines 59-66).

7. As per claims 31,39,47 Jamtgaard-Rennard-Warrier disclosed wherein the first data page is sent to the third data processing system via an electronic mail message (Rennard, col. 9, lines 52-57).

8. Claims 32,40,48 rejected under 35 U.S.C. 103(a) as being unpatentable over Jamtgaard et al (U.S. 6,430,624), Rennard et al(U.S. 6,615,131), Warrier et al (U.S. 6,707,809) and further in view of Puri et al (U.S. 6,148,330).

As per claims 32,40,48 Jamtgaard-Rennard-Warrier failed to disclose wherein the first data page is sent to the third data processing system via a push delivery system. In the sane field of endeavor Puri disclosed window has displayed content that was automatically generated and push-delivered to personal computer by a channel service/content provider via the Internet and WWW according to the present invention (col. 10, lines 56-64).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have incorporated the wherein the first data page is sent to the second client system via a push delivery system as taught by Puri in the method of Jamtgaard-Rennard-Warrier to make the convential web-browsing technology more efficient.

(10) Applicant's arguments:

A. Applicant argued that prior art did not appear to address a need to send a full version and a reduced content version of a requested page in response to the same data request.
As to applicant's argument Jamtgaard disclosed, "the system permits content in a variety of different formats, such as HTML, XML, raw data, etc. to be input into the system and then permits the content to be output in a variety of variety of different formats such as HTML, XML, HDML, XML, etc. so that the same incoming content may be displayed so many different

information appliances and devices having different screen sizes (col. 4, lines 10-18). Jamtgaard also disclosed a Palm Pilot device, the contextual information associated with node 2, the "Review of the week group, may fit entirely on the display screen so that the associated atomics may be included on single card. However, the "New Releases" group and its associated subgroups may not fit on the card and new cards may need to be created in order to display this information on the Palm Pilot. Since node, the "New Releases" group is a non-sequential group, new cards for each of the subgroups may be created and the appropriate links may be inserted into the cards so that a viewer of the information on the device can navigate between display pages. An example of the presentation information of the CitySearch.com web page shown on a Palm Pilot device is shown in FIG. 18 A (col. 18, lines 8-22). One ordinary skill in the art at the time of the invention knows that "a reduced content version of a requested page in response to the same data request" can be interrupted as to Jamtgaard disclosure where according tot he prior art the full version content page is reduce into several cards where each card is displayed one at a time on the small wireless device and the user can scroll through different cards and can view the full display page in reduce multiple display.

B. Applicant argued that prior art did not disclose sending a selection mark to the requestor and using receipt of a request containing the selection mark as a condition for whether to send the first data page in addition to the reduced content page.

As to applicants argument Warrier disclosed, "When the home agent receives the data from the source (e.g., WAP oush server), it checks in its mobility binding record to see if the mobile node is currently registered and active. When it determines that the mobile is inactive, the home agent sends a received data indication message to the home agent control node. Upon receipt of a received data indication message, the home agent control node responsively refers to the mobility binding record for idle mobile nodes to identify the foreign agent with which Idle mobile node last initiated a connection" (col. 4, lines 28-43). One ordinary skill in the art at the time of the invention knows that "using receipt of a request containing the selection mark as a condition for whether to send the first data page in addition to the reduced content page" as When it determines that the mobile is inactive, the home agent sends a received data indication message to the home agent control node. Upon receipt of a received data indication message, the home agent control node responsively refers to the mobility binding record for idle mobile nodes to identify the foreign agent with which Idle mobile node last initiated a connection where the data indication also referred as tag message where the message has been attached to disclosed the type of the received data and the origin of its content.

(11) Related Proceeding(s) Appendix

No decision rendered by a court or the Board is identified by the examiner in the Related Appeals and Interferences section of this examiner's answer.

Respectfully submitted,

/Adnan M Mirza/

Examiner, Art Unit 2145

Feb 20, 2008

Conferees

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